

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A device management network system including a management server, one or more network devices to be managed, and one or more client devices, each of said one or more network devices comprising:

a status information storing part for storing status information;

a monitoring part for monitoring predetermined parts to determine whether each of the predetermined parts is functioning properly, and updating the status information stored in said status information storing part so as to include information about all abnormalities that have occurred in the predetermined parts based on monitoring results; and

a request responding part for, when receiving a status information request from said management server, sending the status information stored in said status information storing part to said management server, and
said management server comprising:

a status information obtaining part for, when receiving a device-details screen request containing identification information of a network device among said one or more network devices from a client device running a Web browser, obtaining status information stored in said status

information storing part of the network device identified by the identification information in the device-details screen request by sending the status information request to the network device;

a specifying part for specifying all abnormalities that has occurred in the network device identified by the identification information in the device-details screen request based on the status information obtained by said information obtaining part; and

an information sending part for sending information indicating all abnormalities specified by said specifying part to the client device that has sent the device-details screen request,

wherein said information sending part of said management server sends information containing names of image files associating with the abnormalities specified by said specifying part.

2. (canceled).

3. (original) The device management network system according to claim 1, wherein the status information in said status information storing part of a network device contains type information of the network device, and wherein said management server further comprises:

an image storing part for storing a plurality of image files, each of which corresponds to a type information and holds image data representing outside appearance of a network device related to the corresponding type information; and

an image sending part for selecting from the plurality of image files stored in said image storing part an image file corresponding to the type information in the status information obtained

by said status information obtaining part, and sending data in the selected image file to the client device that has sent the device-details screen request.

4. (original) The device management network system according to claim 1, wherein said management server further has functions of said client device.

5. (original) The device management network system according to claim 1, wherein each of said one or more network devices is a network printer.

6. (currently amended) A management server to be attached to a network including one or more network devices to be managed, and one or more client devices having a Web browser, the management server comprising:

a status information obtaining part for, when receiving a device-details screen request containing identification information of a network device among said one or more network devices from a client device running a Web browser, obtaining status information from the network device identified by the identification information in the device-details screen request;

a specifying part for specifying all abnormalities that has occurred in the network device identified by the identification information in the device-details screen request based on the status information obtained by said information obtaining part; and

an information sending part for sending information indicating all abnormalities specified by said specifying part to the client device that has sent the device-details screen request,

wherein said information sending part sends information including names of image files associating with the abnormalities specified by said specifying part.

7. (canceled).

8. (original) The management server according to claim 6, wherein the status information that is sent from a network device contains type information indicating a type of the network device, and wherein said management server further comprises:

an image data storing part for storing a plurality of image data each of which representing outside appearance of a network device, and

an image data sending part for selecting from the plurality of image data an image data corresponding to the network device specified by the identification information in the status information obtained by said status information obtaining part, and for sending the image data to the client device that has sent the device-details screen request.

9. (currently amended) A computer readable medium stored with a program for causing a computer to function as a management server to be attached to a network including one or more network devices to be managed, and one or more client devices having a Web browser, the management server comprising:

a status information obtaining part for, when receiving a device-details screen request containing identification information of a network device among said one or more network devices

from a client device running a Web browser, obtaining status information from the network device identified by the identification information in the device-details screen request;

a specifying part for specifying all abnormalities that has occurred in the network device identified by the identification information in the device-details screen request based on the status information obtained by said information obtaining part; and

an information sending part for sending information indicating all abnormalities specified by said specifying part to the client device that has sent the device-details screen request,

wherein said information sending part sends information including names of image files associating with the abnormalities specified by said specifying part.

10. (canceled).

11. (original) The computer readable medium according to claim 9, wherein the status information that is sent from a network device contains type information indicating a type of the network device, and wherein said management server further comprises:

an image data storing part for storing a plurality of image data each of which representing outside appearance of a network device; and

an image data sending part for selecting from the plurality of image data an image data corresponding to the network device specified by the identification information in the status information obtained by said status information obtaining part, and for sending the image data to the client device that has sent the device-details screen request.

12. (currently amended) A device management network system method including a management server, one or more network devices to be managed, and one or more client devices, the method comprising:

sending a device-details screen request from a client device to a management server, the device-details screen request containing identification information of a network device;

obtaining status information from a network device identified by the identification information in the device-details screen request by communication between the management server and the network device;

specifying all abnormalities that has occurred in the network device identified by the identification information in the device-details screen request based on the status information obtained from the network device; and

sending the information indicating all abnormalities from the management server to the client device,

wherein the information indicating all abnormalities was specified by the network device to the management server,

wherein said information indicating all abnormalities includes names of image files associating with the abnormalities that were specified.

13. (previously presented) The device management network system method of claim 12, further comprising:

storing a plurality of image data in the management server, each of which represents an outside appearance of the network devices; and

selecting from the plurality of image data an image data corresponding to the network device specified by the identification information; and

sending the image data from the management server to the client device that has sent the device-details screen request.